421IHSSF3125



DocumentID

NONCD0002902

Site Name

R.L. STOWE MILLS (FRMR CHRONICLE MILLS)

DocumentType

Correspondence (C)

RptSegment

1

DocDate

6/25/2012

DocRcvd

6/26/2012

Вох

SF3125

AccessLevel

PUBLIC

Division

WASTE MANAGEMENT

Section

SUPERFUND

Program

IHS (IHS)

DocCat

FACILITY



JUN 26 2012

June 25, 2012

NCDENR MRO IHSB

Miguel A. Alvalle
Hydrologist
NCDENR Division of Waste Management
Superfund Section – Inactive Hazardous Sites Branch
610 East Center Avenue, Suite 301
Mooresville, NC 28117

Dear Mr. Alvalle,

In regard to your letter (attached) dated May 10, 2012, please make the following corrections:

The letter should not have been addressed to Mr. John Church at Waterstone Capital Advisors. It should have been addressed to the correct owner of record of the property:

RLS Liquidating LLC Attn: Mr. Ed Sanz 100 Main Street Belmont, NC 28012

Please also change the letter to reflect the correct description of the property in the subject line to reflect:

RLS Liquidating LLC (former Chronicle Mill) 96 East Catawba Street Belmont, Gaston County, North Carolina IHSB No. NONCD0002902

The subject property is currently under contract for sale and the prospective buyer is separately pursuing a Brownfield application with NCDENR. Thank you again for your consideration and please contact me with any questions,

Ed Sanz

Acting CFO

RLS Liquidating LLC

100 Main Street

Belmont, NC 28012

(704) 825-5314



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Beverly Eaves Perdue Governor Dexter R. Matthews
Director

RECEIVED

Dee Freeman Secretary

JUN 26 2012

May 10, 2012

NCDENR MRO IHSB

Mr. John Church Waterstone Capital Advisors 8720 Red Oak Blvd., Suite 300 Charlotte, North Carolina 28217

Re: NOTICE OF REGULATORY REQUIREMENTS FOR CONTAMINANT ASSESSMENT AND CLEANUP, REQUEST FOR NOTIFICATION OF AN INACTIVE HAZARDOUS SUBSTANCE OR WASTE DISPOSAL SITE FORM & SITE CLEANUP QUESTIONNAIRE

R.L. Stowe Mills, Inc. (Former Chronicle Mills) 96 East Catawba Street Belmont, Gaston County, North Carolina IHSB No. NONCD0002902

Dear Mr. John Church:

Thank you for submitting your "Expanded Phase I Assessment Results" and related documents, received on March 12, 2012 at the Division of Waste Management through its Superfund Section, Inactive Hazardous Sites Branch ("Branch"), which reports that your Site located at 96 East Catawba Street, Belmont, Gaston County, North Carolina, has been contaminated by one or more hazardous substances. Additional assessment and delineation of non-petroleum contamination, including but not limited to, detected tetrachloroethene (PCE) and potential Polychlorinated Biphenyl (PCB) impacts in groundwater and / or soils is required at this Site. Depending on the contaminants involved and whether the contaminants have impacted or may impact groundwater quality, you will be required to assess and cleanup the contamination under one or more cleanup authorities. Regulatory oversight for the assessment and cleanup under all applicable authorities will be provided by the Branch.

Review of submitted documents and the analytical data results from the most recent "Expanded Phase I Assessment Report", documenting investigation conducted in February of 2012, and previous investigations conducted in 2007 and 2008 reveals your Site has been contaminated by one or more hazardous substances. The Inactive Hazardous Sites Response Act ("IHSRA"), codified under N.C. Gen. Stat. § 130A-310, et seq., applies to the Site. In addition, initial immediate actions may be required under 15A NCAC 2L, Groundwater Classifications and Standards. Your Site will be listed in our inventory as there are exceedances of the 15A NCAC 2L groundwater quality standards and potential exceedances of the Inactive Hazardous Sites Branch's (IHSB) direct contact soil remediation goals (SRGs) and protection of groundwater (POG) criteria for soils. PCE was detected above the state's 15A NCAC 2L groundwater quality standards in various Site monitoring wells.



Mr. John Church - R.L. Stowe Mills, Inc. (Former Chronicle Mills) May 10, 2012 Page 2 of 4

For the minimum technical and administrative procedures for site assessments and site cleanups conducted pursuant to the Inactive Hazardous Sites Response Act of 1987 (N.C.G.S. 130A-310 et.seq.)., please refer to the Branch's Guidelines for Assessment and Cleanup (August 2011) which can be found at: http://portal.ncdenr.org/web/wm/sf/ihs/ihsguide.

I. ACTIONS REQUIRED AT THIS TIME:

Complete the Site Cleanup Questionnaire.

To comply with the requirements of State law, a "Site Cleanup Questionnaire", must be completed and returned to this office. In addition, please complete and submit a "Notification Of An Inactive Hazardous Substance Or Waste Disposal Site" form, both of these documents are found on the website noted at the end of this letter. The information you provide will be reviewed along with other information to prioritize the site, so please make certain that the information you provide is complete and accurate. Please note that your failure to inform the Branch of any nearby potable wells or other high risk conditions may adversely affect the Branch's ability to identify this site as a higher-risk site.

Take Initial Abatement Actions Required Under 15A NCAC 2L.

If you have not already done so, you must take the initial abatement actions required under 15A NCAC 2L. Pursuant to 15A NCAC 2L .0106(b), any person conducting or controlling an activity which results in the discharge of a waste or hazardous substance to the groundwaters of the State, or in proximity thereto, shall take immediate action to terminate and control the discharge, and mitigate any hazards resulting from exposure to the pollutants. Pursuant to 15A NCAC 2L .0106(c), if groundwater standards have been exceeded, you must take immediate action to eliminate the source or sources of contamination. Beyond initial abatement actions, all assessment and remediation will be done through the IHSRA.

II. FUTURE ASSESSMENT AND CLEANUP ACTIVITIES:

All correspondence regarding this site should be sent to the Branch. Future assessment and cleanup activities (activities conducted after the initial abatement steps required in 15A NCAC 2L) may be conducted through the Voluntary Cleanup Program (discussed below) or pursuant to an Order issued under N.C. Gen. Stat. § 130A-310.3. In addition, if you choose not to conduct a cleanup through the Voluntary Cleanup Program, the site may be referred to the United States Environmental Protection Agency ("EPA"). If so referred, EPA will screen the site for Federal enforcement action under the Federal Superfund Program, established under the Comprehensive Environmental Responsibility, Compensation, and Liability Act ("CERCLA").

III. VOLUNTARY CLEANUP PROGRAM:

Under the IHSRA, persons who move forward to assess and remediate contamination, without being compelled to do so through formal legal action filed against them, are called "volunteers." To participate in the voluntary cleanup program, you will be required to enter into an administrative agreement with the Branch. The voluntary cleanup will proceed through the Registered Environmental Consultant Program or under direct oversight by the Branch Staff, as discussed below:

Mr. John Church - R.L. Stowe Mills, Inc. (Former Chronicle Mills) May 10, 2012 Page 3 of 4

Agreement to Conduct Assessment and Remediation Through the Registered Environmental Consultant Program.

The Branch has a privatized oversight arm of the voluntary cleanup program known as the Registered Environmental Consultant ("REC") program. Based on the responses provided on the questionnaire (degree of hazard and public interest in the site), the Branch will determine whether a staff person or an REC will perform the oversight and approval of your assessment and cleanup action. Please note that having one or more of the conditions identified on the questionnaire does not necessarily preclude the site for qualifying for an REC-directed cleanup action.

Under the REC program, the volunteer hires an environmental consulting firm, which the State has approved as having met certain qualifications, to implement a cleanup and certify that the work is being performed in compliance with regulations. In other words, the REC's certifications of compliance are in place of direct of the REC program can be oversight bv the Branch. **Details** http://portal.ncdenr.org/web/wm/sf/jhs/recprogram. If you have any questions specific to the REC Program, including how to participate, please contact the REC Program Manager, Kim Caulk, at (919) 707-8350.

Agreement to Conduct Assessment and Remediation Under State Oversight.

If the Branch determines that the site should be assessed and remediated pursuant to direct State oversight, it will not be eligible for a REC-directed cleanup. Rather, the remedial action will receive direct oversight by Branch staff.

IV. FAILURE TO RESPOND:

If we do not receive a completed questionnaire, the Branch will take further action to prioritize the site without your input. Failure to take the initial abatement steps required in 15A NCAC 2L may result in the assessment of a civil penalty against you. In addition, the Branch may seek an injunction compelling compliance with the initial abatement steps required in 15A NCAC 2L. For future work beyond the initial abatement steps required pursuant to 15A NCAC 2L, a unilateral Order may be issued pursuant to N.C. Gen. Stat. § 130A-310.3 to compel assessment and cleanup.

V. ADDITIONAL INFORMATION REGARDING THE IHSRA AND THE BRANCH:

People are often confused by the name of the Inactive Hazardous Sites Response Act and the Branch. By definition, "Inactive Hazardous Sites" are any areas where hazardous substances have come to be located and would include active and inactive facilities and a variety of property types. The term "inactive" simply refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. Additional information about the Branch may be found at http://portal.ncdenr.org/web/wm/sf/ihshome.

We also understand that the site may have been contaminated from a petroleum release. <u>Please note</u> that any investigation or remediation related to petroleum compounds should be conducted in accordance with the Division of Waste Management UST Section's regulations and guidance documents. Future investigation or remediation reports related to petroleum substances will be the responsibility of the Division of Waste Management's UST Section and should be forwarded to the attention of Ron Taraban of the UST Section in the Mooresville Regional Office.

Mr. John Church - R.L. Stowe Mills, Inc. (Former Chronicle Mills) May 10, 2012 Page 4 of 4

All documents submitted to the Division in relation to this work must be provided in both paper and in an electronic format designated by the Division (see the Inactive Hazardous Sites Branch website located at http://portal.ncdenr.org/web/wm/sf/ihshome for current specifications on electronic document submittal).

Please submit completed questionnaire and additional reports to:

Call

Miguel A. Alvalle Inactive Hazardous Sites Branch 610 East Center Avenue, Suite 301 Mooresville, North Carolina 28117

If you have additional questions about the requirements that apply to this site or the suggested additional abatement and investigations outlined in this letter, please contact me at (704) 663-1699 or by email at miguel.alvalle@ncdenr.gov.

Sincerely

Miguel A. Alvalle, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

Cc: Thomas W. Garrison, III - Excel Civil & Environmental Associates, PLLC, 625 Huntsman Ct, Gastonia, NC 28054 CT Corporation System - Register Agent, 150 Fayetteville Street, Box 1011, Raleigh, NC 27601 Ron Taraban - NCDENR DWM - USTs Section - MRO

June 6, 2012 RECEIVExcel Environmental Associates, PLLC

JUN 1 9 2012

Post Office Box 6172 Gastonia, NC 28056-6000 Telephone 704.853.0800 Facsimile 704.853.3949

NCDENR MRO IHSB

LETTER OF TRANSMITTAL

TO: Mr. Miguel Alvalle
NCDENR / DWM / Superfund Section
Inactive Hazardous Sites Branch
610 East Center Avenue, Ste 301
Mooresville, North Carolina 28115

RE: Former Chronicle Mills 96 East Catawba Street Belmont, North Carolina Excel Project No. 2011085

We are sending you: XX	_Attached	Under	Separate Cover via
NO. COPIES	DATE		DESCRIPTION
1	6/6/2012		Site Cleanup Questionnaire
THESE ARE TRANSMITTEL	D:		
For approval	XX	For your	r use
As requested		For revi	ew
COMMENTS:			
Enclosed please find the refe Mills facility in Belmont, NC		-	ed for the former Chronicle
		Mike Si	ely yours, tanforth al Engineer

CC: Ed Sanz, RLS Liquidating, LLC

Site Cleanup Questionnaire

Remediating parties interested in volunteering should prepare this form with the assistance of an environmental consultant. All cooperative parties are eligible for Branch-approved remedial actions. Answer all questions, based on current information, and provide writtendescriptions where needed.

NCDE	NR Site Name, City and County Former Chronicle Mills NONCD0002902			
1.	Is the site located on or immediately adjacent to residential property, schools, day-care centers or other sensitive populations?	×	Υ	N
	If yes, please explain on a separate page.			
2.	What is the distance (from site property line) to the nearest residence, school or day-care center? Please attach a map showing the site and nearest residence, school or daycare center.		adjac	ent
3.	Is the site completely surrounded by a locked fence? If no, please explain security measures at the site on a separate page.	X	Y	Пи
4.	Are site surface soils known to be contaminated?	П	Υ	⊠ N
	If yes, or unknown, describe briefly on a separate page.	_		لنت
5.	Is site groundwater known to be contaminated?	X	Υ	□N
	If yes, or unknown, describe briefly on a separate page.			
6.	Is site sediment or surface water known to be contaminated?		Υ	× N
	If yes, or unknown, describe briefly on a separate page.			
7.	Has groundwater contamination affected any drinking water wells?		Υ	× N
	If yes, or unknown, please explain on a separate page.			
8.	What is the distance to the nearest downgradient drinking water well?		200 ft	NW
9.	What is the distance to the nearest downstream surface water intake?	:	7 mile:	s NE
10.	Are hazardous vapors, air emissions or contaminated dust migrating into occupied residential, commercial or industrial areas?		Υ	X N
	If yes, or unknown, please explain on a separate page.			
11.	Have hazardous substances known to have migrated off property at concentrations in excess of Branch unrestricted-use remediation goals?		Υ	X N
	If yes, or unknown, please explain on a separate page.			
12.	Has the local community expressed concerns about contamination at the site?		Υ	⊠ N
	If yes, or unknown, please explain on a separate page.			
13.	Based on current information, are there any sensitive environments located on the property (sensitive environments are identified in the Remedial Investigation Work Plans section of the IHSB " Guidelines for Assessment and Cleanup" at http://portal.ncdenr.org/web/wm/sf/sfavailabledocs)?		Υ.	×Ν

If yes, or unknown, please explain on a separate page.

14. Based on current information, has contamination from the site migrated into any sensitive environments?	□Y ⊠N
If yes, or unknown, please explain on a separate page.	
15. Do site contaminants include radioactive or mixed radioactive and chemical wastes?	☐ Y ː ☒ N
If yes, or unknown, please explain on a separate page.	
Remediating Party Certification Statement	
After first being duly sworn or affirmed, I, Edward Sanz, hereby state that: I am of eighteen, I am competent to make this certification based upon my own personal knowledge and the best of my knowledge and belief, after thorough investigation, the information contained herein is complete. I am aware that there are significant penalties for willfully submitting false, inaccurate information.	belief, and, to accurate and
6/5/12	
(Signature of Remediating Party Representative) (Date)	
(Printed Name and Title of Remediating Party Representative)	
RLS Liquidating , LLC	
(Printed Name of Company)	
STATE OF	
STATE OF NC COUNTY OF FORSYH	
certify that Fauri Sant personally appeared before produced proper identification in the form of Drivers License, was duly sworm and declared that he or she is the owner of the property referenced above or is a duly authorized against that, to the best of his or her knowledge and belief, after thorough investigation, the information above certification is accurate and complete, and he or she then signed this Certification in my present	e me this day, and/or affirmed, ent of said owner contained in the
WITNESS my hand and official seal the 54 day of June 2012	
My commission expires: 9/25/15	sL)
2 of 3	

Environmental Consultant Certification Statement

After first being duly sworn or affirmed, I,	hereby state that: I am
over the age of eighteen, I am competent to make thi belief, and, to the best of my knowledge and belief, a	s certification based upon my own personal knowledge and fter thorough investigation, the information contained herein significant penalties for willfully submitting false, inaccurate
	(1.8/2
1 Soft Osmature)	6/10/11/2
(Signature) Mike Stanforth	(Date)
(Printed Name)	
Excel Civil & Environmental Associates	
(Printed Name of Environmental Consultant)	
STATE OF North Carolina	
STATE OF North Carolina COUNTY OF Gaston	
COUNTY OF GSTON	
5 France	
certify that	tal consultant for the property referenced above and that, to ough investigation, the information contained in the above
WITNESS my hand and official seal the	day of June, 20012
Notary Public (signature)	
,	
My commission expires: 5 4 2013	(OFFICIAL SEAL)



North Carolina Department of Environment and Natural Resources

Division of Waste Management Dexter R. Matthews Director

Dee Freeman Secretary

May 10, 2012

Governor

Beverly Eaves Perdue

Mr. John Church Waterstone Capital Advisors 8720 Red Oak Blvd., Suite 300 Charlotte, North Carolina 28217

Re: NOTICE OF REGULATORY REQUIREMENTS FOR CONTAMINANT ASSESSMENT AND CLEANUP, REQUEST FOR NOTIFICATION OF AN INACTIVE HAZARDOUS SUBSTANCE OR WASTE DISPOSAL SITE FORM & SITE CLEANUP QUESTIONNAIRE

R.L. Stowe Mills, Inc. (Former Chronicle Mills)
96 East Catawba Street
Belmont, Gaston County, North Carolina
IHSB No. NONCD0002902

Dear Mr. John Church:

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Mr. John Church - R.L. Stowe Mills, Inc. (Former Chronicle Mills) May 10, 2012 Page 2 of 4

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 Mr. John Church - R.L. Stowe Mills, Inc. (Former Chronicle Mills) May 10, 2012
 Page 3 of 4

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We also understand that the site may have been contaminated from a petroleum release. <u>Please note</u> that any investigation or remediation related to petroleum compounds should be conducted in accordance with the Division of Waste Management UST Section's regulations and guidance documents. Future investigation or remediation reports related to petroleum substances will be the responsibility of the Division of Waste Management's UST Section and should be forwarded to the attention of Ron Taraban of the UST Section in the Mooresville Regional Office.

Mr. John Church - R.L. Stowe Mills, Inc. (Former Chronicle Mills) May 10, 2012 Page 4 of 4

All documents submitted to the Division in relation to this work must be provided in both paper and in an electronic format designated by the Division (see the Inactive Hazardous Sites Branch website located at http://portal.ncdenr.org/web/wm/sf/ihshome for current specifications on electronic document submittal).

Please submit completed questionnaire and additional reports to:

alibelle

Miguel A. Alvalle Inactive Hazardous Sites Branch 610 East Center Avenue, Suite 301 Mooresville, North Carolina 28117

If you have additional questions about the requirements that apply to this site or the suggested additional abatement and investigations outlined in this letter, please contact me at (704) 663-1699 or by email at miguel.alvalle@ncdenr.gov.

Sincerely

Miguel A. Alvalle, Hydrogeologist

Department of Environment and Natural Resources

Division of Waste Management

Superfund Section - Inactive Hazardous Sites Branch

Cc: Thomas W. Garrison, III - Excel Civil & Environmental Associates, PLLC, 625 Huntsman Ct, Gastonia, NC 28054 CT Corporation System - Register Agent, 150 Fayetteville Street, Box 1011, Raleigh, NC 27601 Ron Taraban - NCDENR DWM - USTs Section - MRO

Alvalle, Miguel A

From:

Jesneck, Charlotte

Sent:

Wednesday, May 09, 2012 10:44 AM

To:

Alvalle, Miguel A

Subject:

RE: New IHSB Incident No. Request: R.L. Stowe Mills (Former Chronicle Mills)

Will add to database at next update. You can used ID#: NONCD0002902. Thanks.

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Alvalle, Miguel A

Sent: Wednesday, May 09, 2012 10:31 AM

To: Jesneck, Charlotte

Subject: New IHSB Incident No. Request: R.L. Stowe Mills (Former Chronicle Mills)

Hi Charlotte.

I am requesting an IHSB Incident Number for R.L. Stowe Mills (Former Chronicle Mills), located at 96 East Catawba Street, Belmont, Gaston County, North Carolina, as there are exceedances of 15A NCAC 2L groundwater quality standards and potential exceedances of the Inactive Hazardous Sites Branch's (IHSB) direct contact soil remediation goals (SRGs) and protection of groundwater (POG) criteria for soils. PCE was detected above the state's 15A NCAC 2L groundwater quality standards in various Site monitoring wells. There is potential Polychlorinated Biphenyl (PCB) impacts in groundwater and / or soils, as various transformers are found on Site and visible leakage/surface staining was reported. There are two (2) potential private water supply wells in the vicinity of this Site that might also be shared with Hawthorne Road PCE Site: NONCD0001830.

Please open an Incident No. for this Site under "R.L. Stowe Mills (Former Chronicle Mills)". New Site Track form and Arial Maps attached.

NORR is being sent to the RP.

Best Regards,

Miguel

Miguel Alvalle North Carolina Dept. of Environment & Natural Resources 610 E. Center Ave., Suite 301 Mooresville, NC 28115

Phone: 704-663-1699 Fax: 704-663-6040



http://portal.ncdenr.org/web/wm/sf/ihshome

Print Form

Staff Name: Miguel Alvalle

Inactive Hazardous Sites Tracking Data Entry

Always enter ID# and site name. Otherwise, only enter new information/changes. R.L. Stowe Mills (Former Chronicle Mills) ID#: Pending Site Name: Belmont Site Address: 96 East Catawba Street Site City: Site County: Gaston Residence on Site? $|\mathbf{x}|$ Yes No **Process Code:** > 1/4 mile No Information **Distance to Nearest Water Source Well:** < 1/4 mile Distance to SW Intake (Drinking): > 1/4 mile No Information | | < 1/4 mile Longitude: _-81.03399 Latitude: _35.24299 Coordinates: [NAD83, Decimal-degrees-fifth order] **Geolocation Method:** X Registered Land Surveyor On Screen Placement on Georeferenced Map **GPS Survey Grade Corrected** Hard Copy Map Geocoding (address match) **GPS Survey Grade Not Corrected** Supplied by others (unsubstantiated) **GPS Mapping Grade Corrected** Unknown **GPS Mapping Grade Not Corrected GPS Recreational Grade** Inventory Categories: (*If "Yes," site cannot be in more than one category.) Select these categories only if agency addressing all site contamination. SPL* П SPL SCORE Solid Waste Lead Voluntary (AA)* Non-NPL EPA Superfund/DOD Lead \Box Evaluation Pending* X **NPL** No Further Action* RCRA Non-TSD Lead NFA - Restricted Use* **TSD** DRP Lead Non-HS Site - Open **DSCA** Lead **UST Lead** Non-HS Site - NFA **DWQ** Lead Non-HS Site - NFA Restricted Use **Duplicate** Contaminant Data: (Based on laboratory detection.) Groundwater Surface Water Sediment Soil **Organics** N П Metals П Pesticides/Herbicides Acids Bases Cyanide Inorganics Radioactive Constituents Known/suspected Contamination (Check only if no lab data)

Orders/AAs:

Instrument ¹	Docket #	Issued To (required if different from site name)	Medium/ Area Covered (default = entire site)	Effective Date	Instrument Withdrawn?	Work Completed Date	Staff Contact
					1		

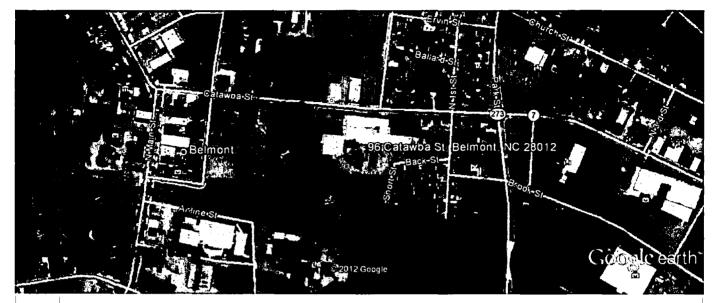
^{1 -} Instruments: AA-REC, Administrative Agreement, Assessment Order, Cleanup Order, Imminent Hazard Order, Public Nuisance Order, Recordation Order

Recorded Notices/DPLURs

Instrument (Enter DPLUR or Notice)	Property ²	Date Recorded	Recorded By (Enter State or Owner) [Notice Only]	Replaces Previous Y/N	Annual Certification Date [DPLUR Only]	Date Canceled	Pursuant to Recordation Order Y/N [Notice Only]

^{2 -} Enter owner's name. Add tract #s or other designation if multiple properties recorded for the same owner.





96 Catawba St, Belmont, NC 28012



Excel Environmental Associates, PLLC

Post Office Box 6172 Gastonia, NC 28056-6000 Telephone 704.853.0800 Facsimile 704.853.3949

LETTER OF TRANSMITTAL

TO: Mr. Bruce Parris NC Division of Waste Management Superfund Section Inactive Hazardous Sites Branch Mooresville, North Carolina 28115 RE: Former Chronicle Mills
RECEIVED

MAR 1 2 2012

NCDENR MRO IHSB

NO. COPIES	DATE		DESCRIPTION
1	3/8/2012		Phase II Assessment Results
			use
OMMENTS:			
nclosed please find results o hronicle Mills facility in Bel uyer and is currently owned lease call.	mont, NC. The ass	sessment we	as completed for a potential
		Sincara	ely yours,

Mike Stanforth Principal Engineer

625 Huntsman Court
Gastonia, North Carolina 28054
TELEPHONE (704) 853-0800
FACSIMILE (704) 853-3949
INTERNET www.excelengr.com

February 28, 2012

RECEIVED

MAR 1 2 2012

Mr. John Church Waterstone Capital Advisors 8720 Red Oak Blvd., Suite 300 Charlotte, North Carolina 28217

NCDENR MRO IHSB

Subject:

Expanded Phase I Environmental Site Assessment

(Former) Chronicle Mills 96 East Catawba Street Belmont, North Carolina

GastonCo. PID No.125928,125929, 125930, 125931, 125932

Excel Project No.2011085

Dear Mr. Church:

Please find enclosed the Expanded Phase I Environmental Site Assessment (ESA) report prepared by Excel Civil & Environmental Associates, PLLC (Excel) for the referenced property.

The following summarizes Excel's findings:

I. Project Identification

The property is comprised of one (1) irregular-shaped and four (4) rectangular-shaped parcels of land totaling approximately 6.35-acres in size (+/-) and found within the city limits of Belmont, Gaston County, North Carolina ("subject property"). The properties are identified as Parcel ID No. 125928, 125929, 125930, 125931, 125932 according to Gaston County Tax Records. Current ownership of the property, according to the Gaston County Tax Department, is held and maintained by RLS Liquidating, LLC and R. L. Stowe Mills, Inc.

II. Property Use

The main property (Parcel ID No. 125928) is currently a vacant warehouse facilitypreviously utilized for industrial purposes in the manufacturing of textiles. The site is currently occupied with multiple structures totaling approximately 108,000-square feet (sf) in size with associated asphalt and concrete parking/drive areas. Additional auxiliary structures were observed onsite at the time of the site visit including seven electrical transformers and multiple concrete pads. Remaining sections of the subject property were undeveloped, being mostly cleared with grass and landscaped areas surrounding the main building.

The subject property is bound to the west by a vacant parcel and bound to the south by a rail-road service line tracking in a west-southeast direction with another industrial property located to the south beyond the service line. Located to the north beyond Catawba Street are two residential and two commercial parcels of land. Bounding the property to the east are multiple residential parcels. Based on information obtained from the Gaston County Tax Records it appears that the original date of construction for the subject building is in 1901. Building construction for the majority of the subject building consist of brick and block exterior/interior walls, with a combination of concrete/wooden floors and wooden/metal trusses supporting a composite roofing system. It appears that the facility has been vacant since at least 2009.

During the site inspection conducted on February 8, 2012, Excel observed significant surface staining on a concrete pad located off the southern building exterior within the area of the former Machine Shop. A mechanical room was observed to be located in the southern section of the building which appeared to formerly contained chillers, air/moisture control units, electrical components and fire service lines. Located within this area were multiple insulated pipe runs which service various areas of the building and contain confirmed asbestos containing materials (ACMs). Three pad-mounted electrical transformers were observed to be located on the southern section of the building exterior. In addition, at least seven (7) electrical transformers were observed on various locations of the building exterior walls and one (1) within the southern auxiliary building interior on a wooden pallet. Significant surface staining was observed on a concrete pad located off the southern building exterior within the area of the former Machine Shop. In addition, a water supply well was observed to be located on the southern section of the property; currently it appears to be inactive.

Review of historical aerial photographs for the years of 1938, 1950, 1956, 1968, 1979, 1984, 1997, 2000, 2005 and 2010 revealed the subject property as being developed since at least 1938 with various additions to the property building beginning around 1950 and ending prior to 1978 at which point the building appears to resemble the current configuration. The surrounding properties appeared to have been utilized primarily for residential and commercial purposes since at least 1949. Select copies of the historical aerial photographs are included in Appendix B of the following report.

Sanborn Fire Insurance Maps dated 1922, 1929 and 1938 were found to exist for the subject property. The maps show the property in its original design which matches the 1938 aerial photograph and details the locations of process areas, oil storage areas, a machine shop and the 33,000-gallon water tower. According to the 1938 map, an apparent mechanical room was located within the central-southern area of the building along with a machine shop area. The property is labeled as "Chronicle Mills MF'C Cotton Yarn". According to a review of historical City Directories for the property from 1968 the property was listed as R L Stowe Mills, Inc. There are no City Directory listings identified prior to 1968.

As requested, Excel mobilized to the site on February 8, 2012 to complete two (2) soil borings and one (1) temporary monitoring well to assess the underlying soil and groundwater conditions within the area of the stained concrete pad and former "Machine Shop Area". In addition, the onsite water supply well was sampled to evaluate potential impact to the sensitive receptor with an attempt to sample onsite monitoring wells installed in regards to an offsite LUST incident. Utilizing an Earthprobe® truck-mounted drill-rig, Excel installed one (1) temporary monitoring well (TMW-1) on the east-side of the stained concrete pad located adjacent to the former

"Machine Shop Area". Soil samples were collected during the installation of TMW-1 at 5-feet below grade level (fbgl) and 10-fbgl for laboratory analysis. An additional soil sample was collected with a hand-auger on the west side of the concrete pad at 5-fbgl. The well was installed to a terminal depth of approximately 30-feet below grade level (fbgl) utilizing solid-stem auger drilling technique and constructed of 10-feet of 2"-diameter PVC well screen and 30-feet of 2"-diameter well casing. Groundwater was observed to be located on average at approximately 21-fbgl. Monitoring wells MW-9 and MW-11 related to NCDENR Incident No. **14196** were observed to be abandoned therefore samples were not collected from either monitoring well.

Soil samples collected during the Expanded Phase I Assessment activities were analyzed for Total Petroleum Hydrocarbons (TPH) both Diesel and Gasoline Range Organics (DRO and GRO, respectively) by EPA Methods 3550 and 5030, respectively. Soil samples were placed in laboratory supplied containers and submitted to Shealy Environmental Services, Incorporated (SESI) of West Columbia, South Carolina for the afore-mentioned analysis. A summary of the soil laboratory analysis is as follows:

Soil Analytical Summary							
Sample ID	Date Collected	Depth	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)			
B-1 / SS-1		5-fbgl	27	87			
B-1 / SS-2	2/8/12	10-fbgl	< 8.9	9.1			
B-2] [5-fbgl	840	21			
	NCDENR Action	Level (mg/kg)	40	10			

Groundwater samples collected were analyzed for volatile organic compounds (VOCs) by EPA Method 8260. Groundwater samples were placed in laboratory supplied containers and submitted to SESI for the afore-mentioned analysis. A summary of the groundwater laboratory analysis is as follows:

Groundwater Analytical Summary							
Sample ID	Date Collected	Depth to Groundwater	cis-1,2-Dichloroethene (ug/L)	Tetrachloroethene (ug/L)			
TMW-1	2/0/12	22.00-fbgl 2.2		7.0			
SW-1	2/8/12	20.80-fbgl	< 1	<1			
	NCDENR 2L S	tandard (ug/L)	70	0.7			

Review of the soil analytical data confirms samples collected from B-1/SS-1 and B-2 contain levels of petroleum hydrocarbons which exceed the North Carolina Department of Environment and Natural Resources (NCDENR) Action Levels for TPH-DRO and/or TPH-GRO (refer to **Table B.1**) of 40-mg/kg and 10-mg/kg. DRO levels were found to range from below laboratory detection limits (BDL) to 840-mg/kg and GRO levels ranging from 9.1-mg/kg to 87-mg/kg. Groundwater samples collected from temporary monitoring well (TMW-1) indicates the presence of tetrachloroethene (PCE) at a level of 7.0 ug/L which exceeds the NCDENR Drinking Water Standard (NCAC 2L Standard) of 0.7 ug/L (refer to **Table B.2**). Samples collected from the water supply well were found to be BDL for all constituents.

III. Scope of Investigations

This Phase I ESA was conducted to assess recognized environmental conditions (RECs) including petroleum products, hazardous materials and wastes and other environmental conditions that may be present on the subject property or located nearby that might negatively affect the property. This Phase I ESA included subsurface exploration of the underlying surface soils and groundwater to determine the impact of the prior use of the property. In addition, this Phase I ESA included a survey for asbestos containing materials and but did not include surveys for lead-based paint, lead in drinking water, or radon gas emissions.

The scope of work for the Phase I ESA included the review of a regulatory database report, visual reconnaissance of the subject and adjacent properties, review of readily available records and previous reports, review of aerial photographs, interviews of persons familiar with the property, review of readily available historical and regulatory information, and preparation of this report. The site assessment was performed in general accordance with ASTM Standard E 1527-05.

IV. Environmental Issues

Based on the results of this Phase I ESA, Excel identified the following RECs:

On-site:

- > During the site inspection conducted on February 8, 2012, Excel observed significant surface staining on a concrete pad located off the southern building exterior within the area of the former Machine Shop;
- Excel observed during the site inspection three (3) pad-mounted electrical transformers, which appeared to be owned by Duke Power and located on the southern section of the building exterior. In addition, at least seven (7) electrical transformers were observed on various locations of the building exterior walls and one (1) within the auxiliary building interior on a wooden pallet with some minor leakage observed on the units;
- Located through-out various locations of the facility, confirmed asbestos containing materials (ACMs) have been identified and some-of-which were observed to be in poor condition. Prior to any demolition activities a licensed Asbestos Abatement Contractor shall be contracted to properly remove and dispose of identified materials as per the approved industry standards. Furthermore based on the age of the structure, it is assumed that lead-based paints are located through-out the facility.
- Soil samples collected as part of this assessment revealed elevated levels of petroleum hydrocarbons in the surficial soils located within the area of the stained concrete pad which exceed the NCDENR Action Levels. In addition, a groundwater sample was collected from within the area of the stained concrete pad and former Machine Shop Area which revealed elevated levels of PCE which exceed the NCDENR Drinking Water Standard. Excel reviewed a 2011 Annual Post Remediation Monitoring Report completed by AECOM of Raleigh, North Carolina for the Former Unocal # 9032-000 facility (NCDENR Incident No. 14196) located at 91 East Catawba Street.

The report indicates that two monitoring wells MW-9 and MW-11 were installed on the Chronicle Mills property to assess downgradient groundwater conditions and potential impact to the subject property from the release at the Former Unocal facility. Review of groundwater data from August 2004 to May 2008 indicates that monitoring well MW-9, located on the northern section of the property, displayed no constituent levels which exceed applicable agency standards during this time period. However, data from monitoring well MW-11, located adjacent to the onsite water supply well, indicates that PCE levels ranged a low of 32-ug/L in May 2008 to a high of 60-ug/L in October 2007. Additionally various other constituents were detected in MW-11 during this time period which appear to be below the applicable standards.

Off-site:

- The Allied Fabric (Fun-Tees), also referred known as Former Unocal # 9032-000, Chevron # 306500 and NCDENR Incident # 14196, is located at 91 East Catawba Street located approximately 68-feet north (across East Catawba Street) of the subject property. According to the EDR Database Report, the site is listed on the NCDENR Leaking Underground Storage Tank (LUST) Database. During the removal of three (3) USTs soil contamination was discovered and subsequent assessments revealed impacted groundwater beneath the site. A Corrective Action Plan (CAP) was completed by ENSR Corporation (ENSR) of Columbia, South Carolina and implemented in March 2006. Groundwater samples collected in October 2007 by ENSR revealed groundwater contamination exceeding NCDENR Gross Contamination Levels (GCLs) in monitoring wells located along the north side of Catawba Street with monitoring wells located the subject property which were found to be below laboratory detection limits. Currently the site status is "open" and is classified as an "intermediate" risk. At this time, based on information reviewed and the location of the incident in relation to the subject site, it appears this site poses a "moderate" risk to the subject property;
- Based on information obtained in the database report, thirteen orphan sites could not be plotted due to poor or inadequate data. A review was conducted of the plot able and orphan sites to determine if any off-site issues could impact the subject property. This review indicated that it is not likely that any off-site issues from these sites could significantly influence the subject property.

V. Recommendations/Additional Investigations

Based on the information available, Excel recommends the following;

- ✓ We recommend, in regards to the confirmed presence of petroleum hydrocarbons in the surficial soils and documented PCE in the groundwater, that a copy of this report be submitted to the NCDENR, Mooresville Regional Office, Division of Waste Management for review. Further assessment and remediation may be required by the NCDENR;
- ✓ We recommend, in regards to the current storage of potentially hazardous chemicals (wasteoil), non-hazardous chemicals and any remaining unidentified chemicals should be classified accordingly and be disposed of by an approved offsite reclamation facility.

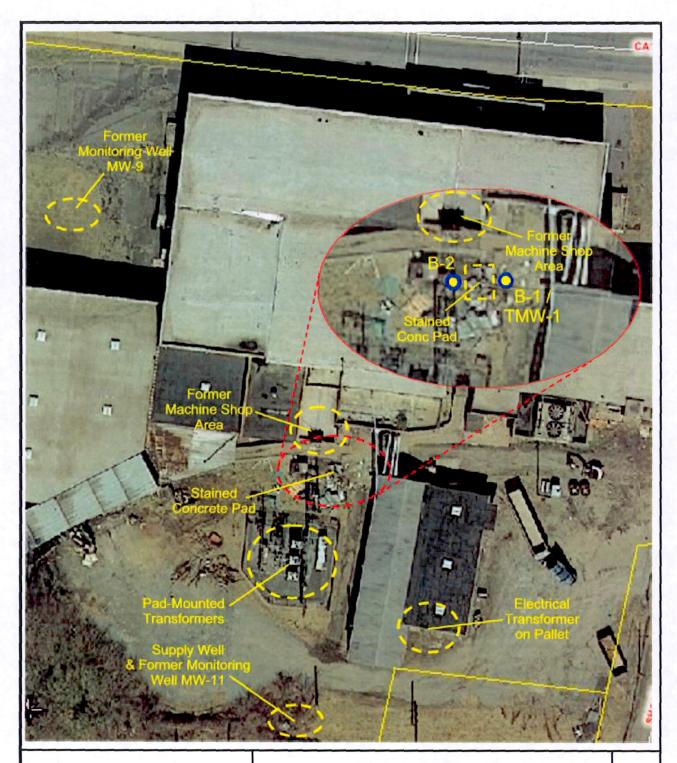
- ✓ We recommend, In regards to the unused electrical transformer located in the auxiliary building located to the south of the main building, we recommend that the unit be sampled for the presence of PCBs and then properly disposed of by an offsite facility;
- ✓ We recommend in regards to the confirmed ACM materials and suspect lead-based paint, that any materials that are referred to as ACMs should be removed as per the applicable regulatory standards by a licensed abatement contractor and disposed of properly prior to demolition activities;
- ✓ We recommend in regards to the onsite water supply well, that if future plans do not incorporate the use of the supply well, then it be abandoned as per the NCDENR, Division of Water Quality Guidelines by a NC licensed well driller.

If you should have any questions or comments please feel free to contact either of the following. Sincerely yours,

EXCEL CIVIL & ENVIRONMENTAL ASSOCIATES, PLLC

Thomas W. Garrison, III Project Manager

Michael T. Stanforth, P.E., DEE *Principal Engineer*



EXCEL CIVIL & ENVIRONMENTAL ASSOCIATES, PLLC 625 HUNTSMAN COURT GASTONIA, NC 28054 (704) 853-08000

B.5 - Site Plan

Excel Project No. 2011085

Source: www.co.gaston.nc.us



Report of Analysis

Excel Civil & Environmental Associates, PLLC

PO Box 6172 Gastonia, NC 28056-6000 Attention: Michael Stanforth

Project Name: Chronicle Mill

Project Number: 2011085

Lot Number: NB09054
Date Completed: 02/23/2012

Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative Excel Civil & Environmental Associates, PLLC

Lot Number: NB09054

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Page: 2 of 11 Level 1 Report v2.1

Sample Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NB09054

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	B-1/SS-1	Solid	02/08/2012 1000	02/09/2012
002	B-1/SS-2	Solid	02/08/2012 1015	02/09/2012
003	B-2	Solid	02/08/2012 1100	02/09/2012
004	TMW-1	Aqueous	02/08/2012 1500	02/09/2012
005	SW-1	Aqueous	02/08/2012 1530	02/09/2012

(5 samples)

Executive Summary Excel Civil & Environmental Associates, PLLC

Lot Number: NB09054

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	B-1/SS-1	Solid	TPH-DRO	8015C	27000		ug/kg	5
001	B-1/SS-1	Solid	TPH-GRO	8015C	87000		ug/kg	5
002	B-1/SS-2	Solid	TPH-GRO	8015C	9100		ug/kg	6
003	B-2	Solid	TPH-DRO	8015C	840000		ug/kg	7
003	B-2	Solid	TPH-GRO	8015C	21000		ug/kg	7
004	TMW-1	Aqueous	cis-1,2-Dichloroethene	8260B	2.2		ug/L	8
004	TMW-1	Aqueous	Tetrachloroethene	8260B	7.0		ug/L	9

(7 detections)

Description: B-1/SS-1

Date Sampled:02/08/2012 1000

Date Received: 02/09/2012

Laboratory ID: NB09054-001

Matrix: Solid

% Solids: 77.3 02/10/2012 0124

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	r	л	-	U.	К	U

Run 1	Prep Method 3550C	Analytical Method 8015C	Dilution 1	Analysis I 02/13/2012		Prep I 02/12/20		Batch 77564		
Param	eter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-D	RO				8015C	27000		8600	ug/kg	1
Surro	gate	Q	Run ' % Recov							
o - Tei	phenyl		87	55-1	20					

TOUL ODO

	IPH - GRO												
Run 1	Prep Method 5030B	Analytical Method 8015C	Dilution 1	Analysis Date 02/20/2012 1156	Analyst AAC	Prep Date	Batch 78119						
Param	neter				alytical Method	Result Q	PQL	Units	Run				
трн-с	BRO				8015C	87000	6000	ug/kg	1				
Surro	gate	Q	Run % Reco										
Bromo	fluorobenzene		96	45-132									

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Description: B-1/SS-2

Date Sampled:02/08/2012 1015

Date Received: 02/09/2012

Laboratory ID: NB09054-002

Matrix: Solid

% Solids: 71.8 02/10/2012 0124

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Run 1	Prep Method 3550C	Analytical Method 8015C	Dilution 1	Analysis I 02/13/2012		Prep 02/12/2	Date 012 1157	Batch 77564		
Param	neter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-D	RO				8015C	ND		8900	ug/kg	1
Surro	gate	Q	Run ' % Recov							
o - Ter	phenyl		93	55-12	20					

TPH - GRO

Run 1	Prep Method 5030B	Analytical Method 8015C	Dilution 1	Analysis Da 02/17/2012 1		Prep	Date	Batch 78119		
Paran	neter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-C	RO				8015C	9100		6800	ug/kg	1
Surro	gate	Q	Run 1 % Recov							
Bromo	ofluorobenzene		93	45-132	2					

Description: B-2

Bromofluorobenzene

Date Sampled:02/08/2012 1100

Date Received: 02/09/2012

Laboratory ID: NB09054-003

Matrix: Solid

% Solids: 71.3 02/10/2012 0124

TPH - DRO

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8015C	1	02/13/2012 1819	PMS	02/12/2012 1157	77564

103

	CAS	Analytical					_
Parameter	Number_	Method	Result	<u>Q</u>	PQL	Units	Run
TPH-DRO		8015C	840000		9100	ug/kg	1

Run 1 Acceptance % Recovery Limits Surrogate 94 55-120 o - Terphenyl

TPH - GRO

8015C 1	02/17/2012 1922	AAC		78119		
		•	Result Q	PQL.	Units	Run
		8015C	21000	7300	ug/kg	1
	8015C 1	CAS An	CAS Analytical Number Method	CAS Analytical Number Method Result Q	CAS Analytical Number Method Result Q PQL	CAS Analytical Number Method Result Q PQL Units

45-132

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

 $J = Estimated result < PQL and <math>\geq MDL$

P =The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Description: TMW-1

Date Sampled:02/08/2012 1500 Date Received:02/09/2012 Laboratory ID: NB09054-004

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	02/22/2012 1858	DĎ	•	78447

Parameter	CAS Number	AnalyticalMethod	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromobenzene	108-86-1	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
n-Butylbenzene	104-51-8	8260B	ND		1.0	ug/L	2
sec-Butylbenzene	135-98-8	8260B	ND		1.0	ug/L	2
tert-Butylbenzene	98-06-6	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66 - 3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	2
2-Chlorotoluene	95-49-8	8260B	ND		1.0	ug/L	2
4-Chiorotoluene	106-43-4	8260B	ND		1.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	2.2		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	2
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	2
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	2
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Isopropylbenzene	98-82-8	8260B	ND		1.0	ug/L	2
p-Isopropyltoluene	99-87-6	8260B	ND		1.0	ug/L	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

* = Reportable result (only when report all runs)

Description: TMW-1

Date Sampled:02/08/2012 1500 Date Received: 02/09/2012 Laboratory ID: NB09054-004

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run 2	Prep Method 5030B	Analytical Method 8260B		alysis Date 22/2012 1858	Analyst DD	Prep	Date	Batch 78447		
					alytical					
Paran	neter		Num	ber N	lethod	Result	Q	PQL	Units	Run
Methy	l tertiary butyl ether (I	MTBE)	1634-0	14-4	8260B	ND		1.0	ug/L	2
4-Met	hyl-2-pentanone		108-1	0-1	8260B	ND		10	ug/L	2
Methy	lene chloride		75-0	9-2	8260B	ND		1.0	ug/L	2
Napht	halene		91-2	.0-3	8260B	ND		1.0	ug/L	2
n-Prop	pylbenzene		103-6	5-1	8260B	ND		1.0	ug/L	2
Styrer	ne		100-4	2-5	8260B	ND		1.0	ug/L	2
1,1,2,	2-Tetrachloroethane		79-3	34-5	8260B	ND		1.0	ug/L	2
Tetra	chloroethene		127-1	8-4	8260B	7.0		1.0	ug/L	2
Toluei	ne		108-8	8-3	8260B	ND		1.0	ug/L	2
1,2,3-	Trichlorobenzene		87-6	61-6	8260B	ND		1.0	ug/L	2
1,2,4-	Trichlorobenzene		120-8	2-1	8260B	ND		1.0	ug/L	2
1,1,1-	Trichloroethane		71-5	5-6	8260B	ND		1.0	ug/L	2
1,1,2-	Trichloroethane	•	79-0	0-5	8260B	ПD		1.0	ug/L	2
Trichic	oroethene		79-0	1-6	8260B	ND		1.0	ug/L	2
Trichle	orofluoromethane		75-6	9-4	8260B	ИD		1.0	ug/L	2
1,2,3-	Trichloropropane	,	96-1	8-4	8260B	ND		1.0	ug/L	2
1,2,4-	Trimethylbenzene		95-6	3-6	8260B	ND		1.0	ug/L	2
1,3,5-	Trimethylbenzene		108-6	7-8	8260B	ND		1.0	ug/L	2
Vinyl a	acetate		108-0	5-4	8260B	ND		5.0	ug/L	2
Viny!	chloride		75-0	11-4	8260B	ND		1.0	ug/L	2
Xylen	es (total)		1330-2	20-7	8260B	ND		1.0	ug/L	2
Surro	gate	Q	Run 2 A % Recovery	Acceptance Limits						
1,2-Di	ichloroethane-d4		97	70-130					-	
Bromo	ofluorobenzene		99	70-130						
Tolue	ne-d8		99	70-130						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Description: SW-1

Date Sampled:02/08/2012 1530 Date Received: 02/09/2012 Laboratory ID: NB09054-005

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

RunPrep MethodAnalytical MethodDilutionAnalysis DateAnalystPrep DateBatch25030B8260B102/22/2012 1921DD78447

Parameter	CAS Number	AnalyticalMethod	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	2
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromobenzene	108-86-1	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
n-Butylbenzene	104-51-8	8260B	ND		1,0	ug/L	2
sec-Butylbenzene	135-98-8	8260B	ND		1.0	ug/L	2
tert-Butylbenzene	98-06-6	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66-3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	2
2-Chlorotoluene	95-49-8	8260B	ND		1.0	ug/L	2
4-Chlorotoluene	106-43-4	8260B	ND		1.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
1,3-Dichloropropane	142-28-9	8260B	ND		1.0	ug/L	2
2,2-Dichloropropane	594-20-7	8260B	ND		1.0	ug/L	2
1,1-Dichloropropene	563-58-6	8260B	ND		2.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B .	ND		1.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	2
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Isopropylbenzene	98-82-8	8260B	ND		1.0	ug/L	2
p-Isopropyltoluene	99-87-6	8260B	ND		1.0	ug/L	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" = Reportable result (only when report all runs)

Description: SW-1

Date Sampled:02/08/2012 1530 Date Received: 02/09/2012

Laboratory ID: NB09054-005

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run 2	Prep Method 5030B	Analytical Method 8260B		alysis Date 22/2012 1921	Analyst DD	Prep i	Date	Batch 78447		
Paran	neter		(Num		alytical lethod	Result	Q	PQL	Units	Run
Methy	I tertiary butyl ether (MTBE)	1634-0)4-4	8260B	ND		1.0	ug/L	2
4-Met	hyl-2-pentanone		108-1	0-1	8260B	ND		10	ug/L	2
Methy	vlene chloride		75-0	9-2	8260B	ND		1.0	ug/L	2
Naphi	thalene		91-2	20-3	8260B	ND		1.0	ug/L	2
n-Pro	pylbenzene		103-6	5-1	8260B	ND		1.0	ug/L	2
Styrer	ne		100-4	2-5	8260B	ND		1.0	ug/L	2
1,1,2,	2-Tetrachloroethane		79-3	34-5	8260B	ND		1.0	ug/L	2
Tetrac	chloroethene		127-1	8-4	8260B	ND		1.0	ug/L	2
Tolue	ne		108-8	8-3	8260B	ND		1.0	ug/L	2
1,2,3-	Trichlorobenzene		87-6	61-6	8260B	ND		1.0	ug/L	2
1,2,4-	Trichlorobenzene		120-8	2-1	8260B	ND		1.0	ug/L	2
1,1,1-	Trichloroethane		71-5	55-6	8260B	ND		1.0	ug/L	2
1,1,2-	Trichloroethane		79-0	0-5	8260B	ND		1.0	ug/L	2
Trichle	oroethene		79-0	1-6	8260B	ND		1.0	ug/L	2
Trichle	orofluoromethane		75-6	9-4	8260B	ND		1.0	ug/L	2
1,2,3-	Trichloropropane		96-1	8-4	8260B	ND		1.0	ug/L	2
1,2,4-	Trimethylbenzene		95-6	3-6	8260B	ND		1.0	ug/L	2
1,3,5-	Trimethylbenzene		108-6	7-8	8260B	ND		1.0	ug/L	2
Vinyl:	acetate		108-0	15-4	8260B	ND		5.0	ug/L	2
Vinyi	chloride		75-0	11-4	8260B	ND		1.0	ug/L	2
Xylen	es (total)		1330-2	20-7	8260B	ND		1.0	ug/L	2
Surro	gate	Q	Run 2 A % Recovery	Acceptance Limits						
1,2-D	ichloroethane-d4		100	70-130						
	ofluorobenzene		101	70-130						
Tolue	ne-d8		102	70-130						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

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SHEALY ENVIRONMENTAL SERVICES, INC.

106 Vantage Point Drive West Columbia, South Carolina 29172 Telephone No. (603) 791-9700 Fax No. (803) 791-9111

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Shealy Environmental Services, Inc. Document Number; F-AD-016 Revision Number; 9 Page 1 of 1 Replaces Date: 05/06/11 Effective Date: 10/11/11

	Sample Receipt Checklist (SRC)
Client: ECKA	Cooler Inspected by/date: Nu 19/9/12 Lot #: NB 09054
The second second	☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other
Means of receipt: -SESI	
Yes No No	1. Were custody seals present on the cooler?
Yes No S	2. If custody seals were present, were they intact and unbroken?
Cooler ID/temperature upon	receipt // O °C _ / °C _ / °C
Method: Temperature	
Method of coolant: W	
If response is No (or Yes for	14, 15, 16), an explanation/resolution must be provided.
Yes No NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified?
Yes No NA	PM notified by SRC, phone, note (circle one), other:
Yes No NA	4. Is the commercial courier's packing slip attached to this form?
Yes No	5. Were proper custody procedures (relinquished/received) followed?
Yes No NA	5a Were samples relinquished by client to commercial courier?
Yes No	6. Were sample IDs listed?
Yes No	7. Was collection date & time listed?
Yes No	8. Were tests to be performed listed on the COC?
Yes No	9. Did all samples arrive in the proper containers for each test?
Yes No	10. Did all container label information (ID, date, time) agree with COC?
Yes No V	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes No	12. Was adequate sample volume available?
Yes No	13. Were all samples received within ½ the holding time or 48 hours, whichever
Yes No No	comes first? 14. Were any samples containers missing?
Yes No	15. Were there any excess samples not listed on COC?
	16. Were bubbles present >"pea-size" (½"or 6mm in diameter) in any VOA
Yes No NA NA	vials?
Yes No NA	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes No NA	18. Were all cyanide and/or sulfide samples received at a pH > 12?
Yes No No NA	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb
	(<0.2mg/L) samples free of residual chlorine?
Yes No NA	20. Were collection temperatures documented on the COC for NC samples?
Yes No NA	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations,
	etc) correctly transcribed from the COC into the comment section in LIMS?
	st be completed for any sample(s) incorrectly preserved or with headspace.) were received incorrectly preserved and were adjusted.
Sample(s)accordingly in sample receiv	
accordingly in sample receiv	ing with(1550211.103110124011) with the 5007 (number)
Sample(s)	were received with bubbles >6 mm in diameter.
Sample(s)	were received with TRC > 0.2 mg/L for NH3/
TKN/cyanide/BNA/pest/PCI	
Corrective Action taken, if n	
Was client notified: Yes [
SESI employee:	Date of response:
Comments:	
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